

FIGURE 1

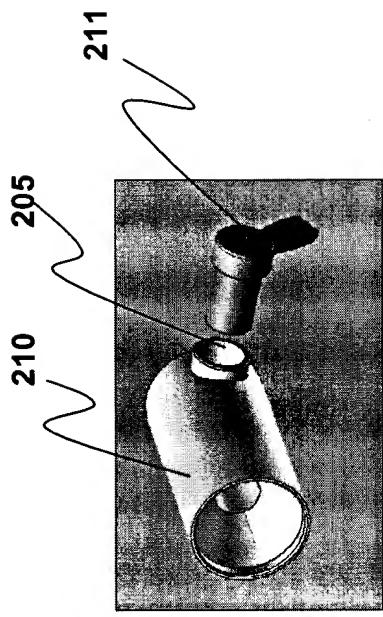


FIGURE 2A

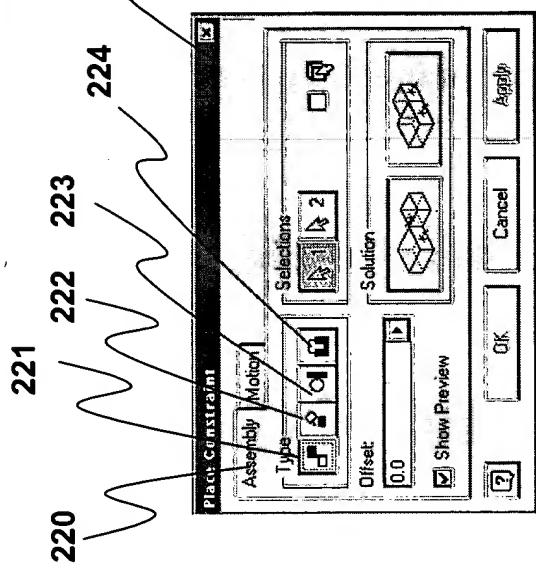


FIGURE 2B

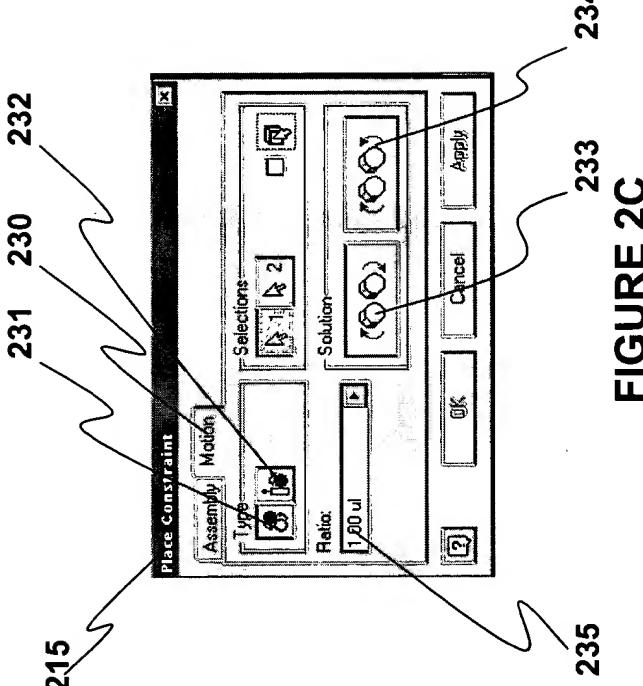


FIGURE 2C

FIGURE 3
T 0 5 2 4 0 " T 2 2 2 4 1 8 6 0

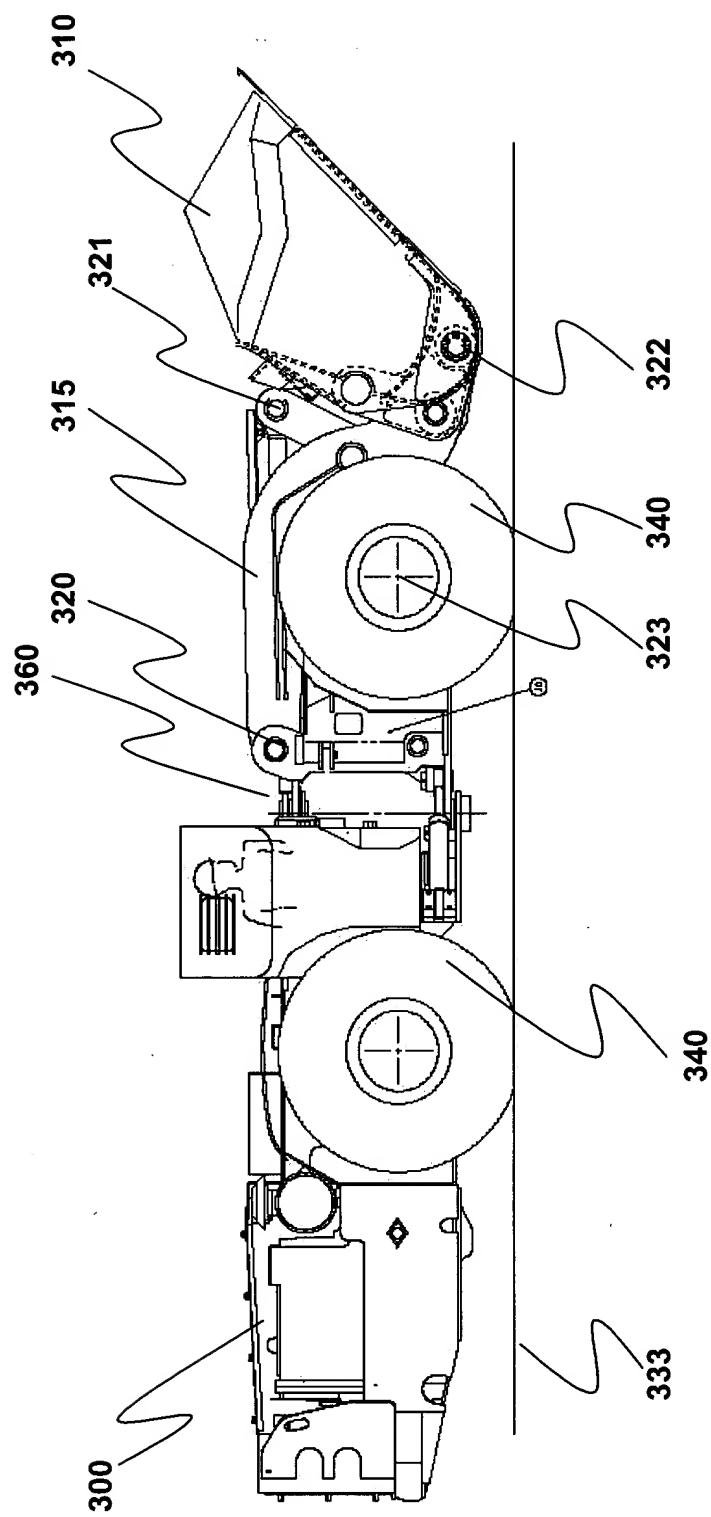


FIGURE 3

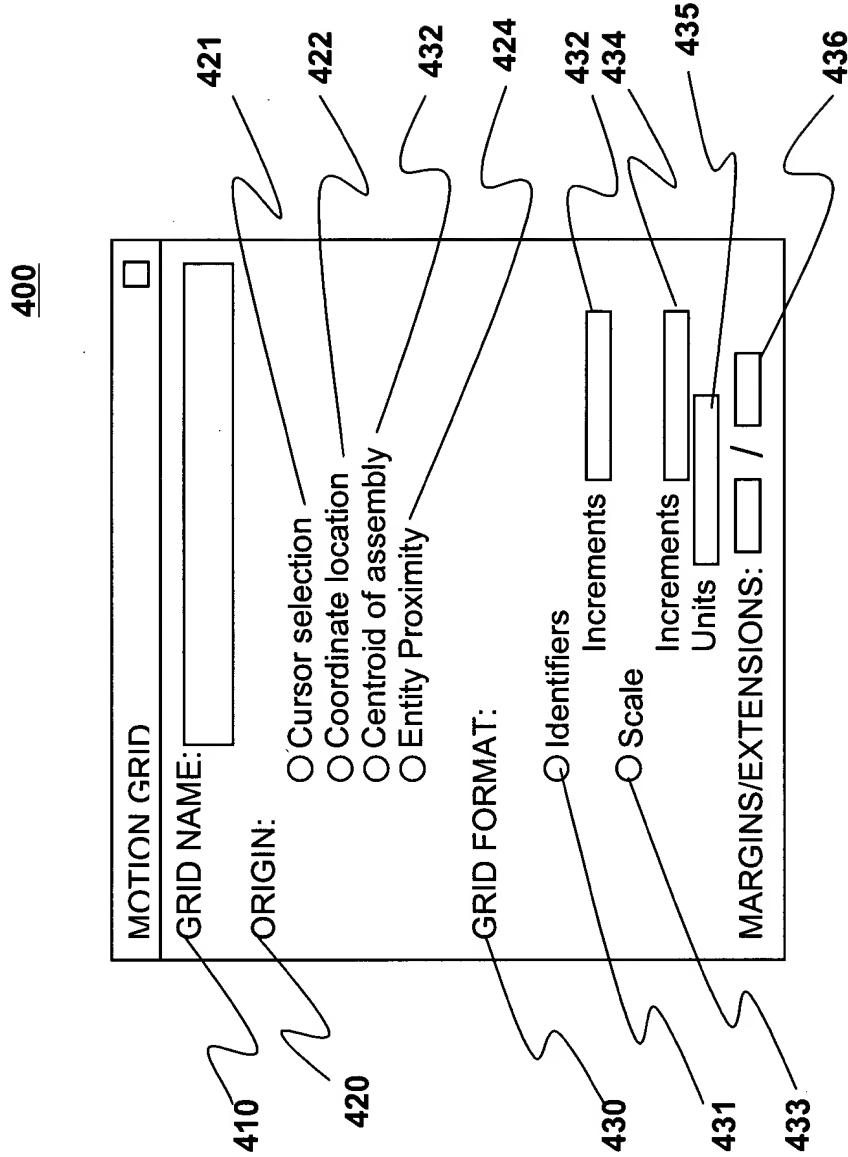


FIGURE 4

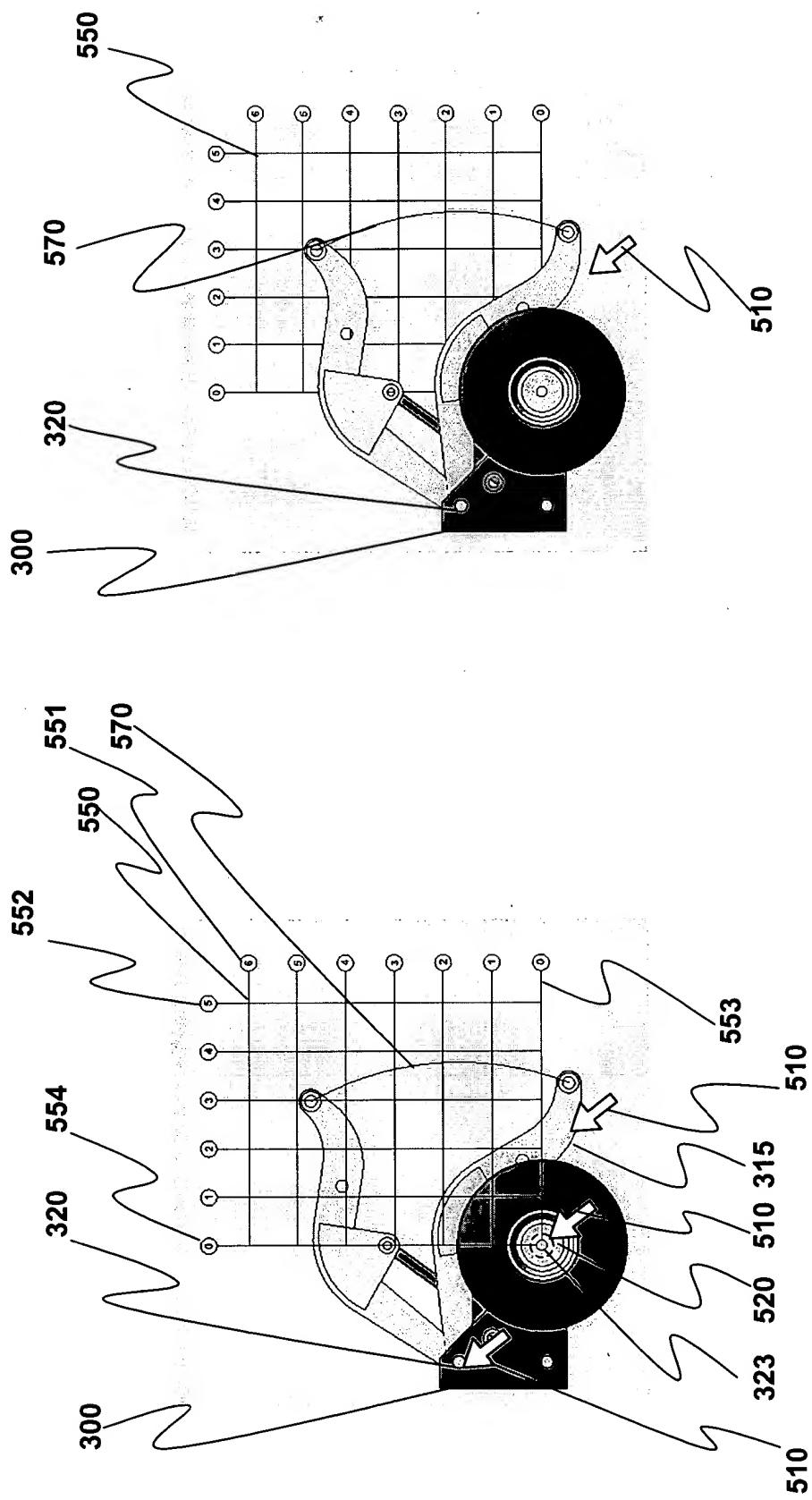


FIGURE 5A

FIGURE 5B

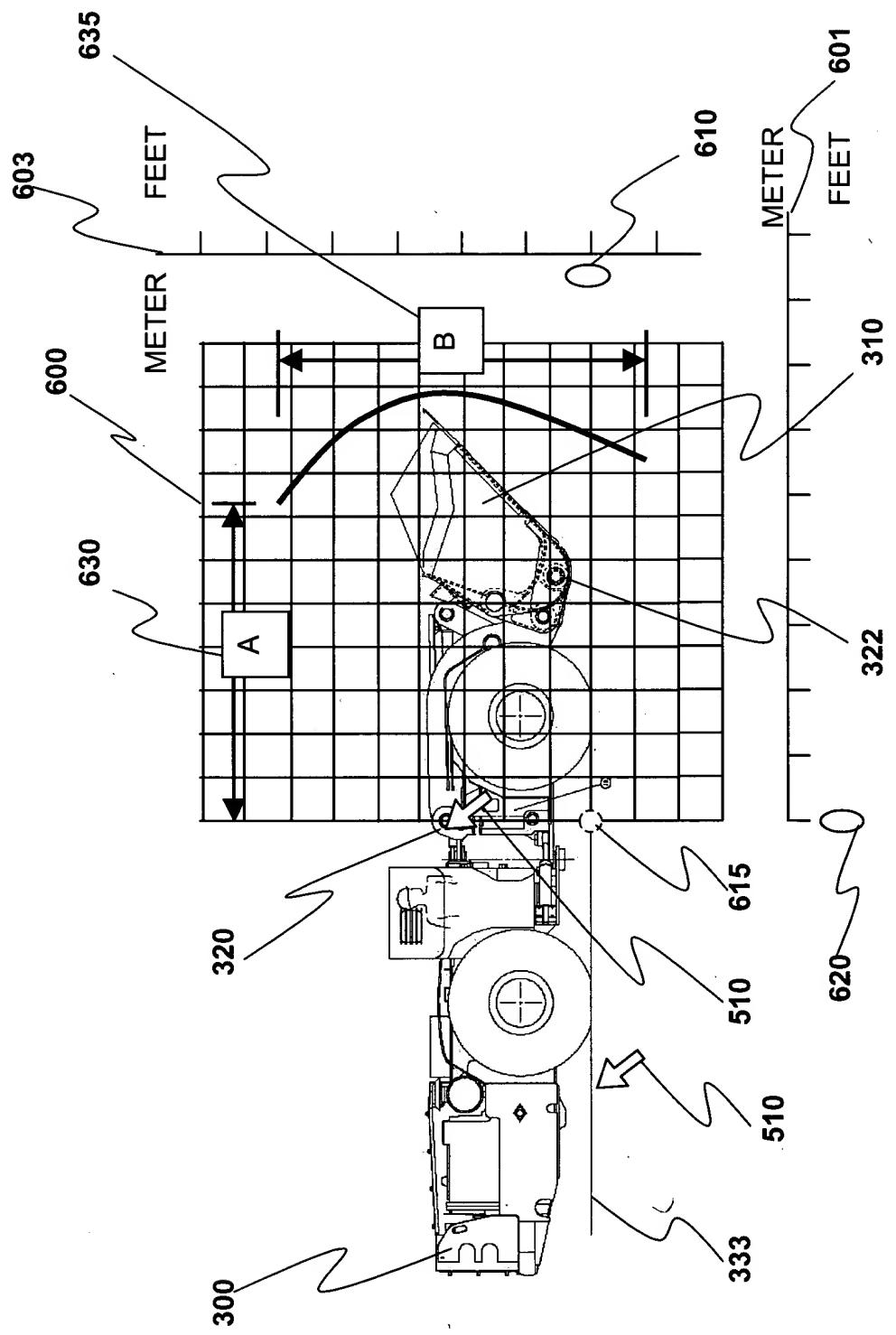


FIGURE 6

710	700
711	A Min. digging distance
712	B Max. digging reach
713	C Level crowding distance
714	D Max. digging depth
715	Crowding force Breakout force

FIGURE 7

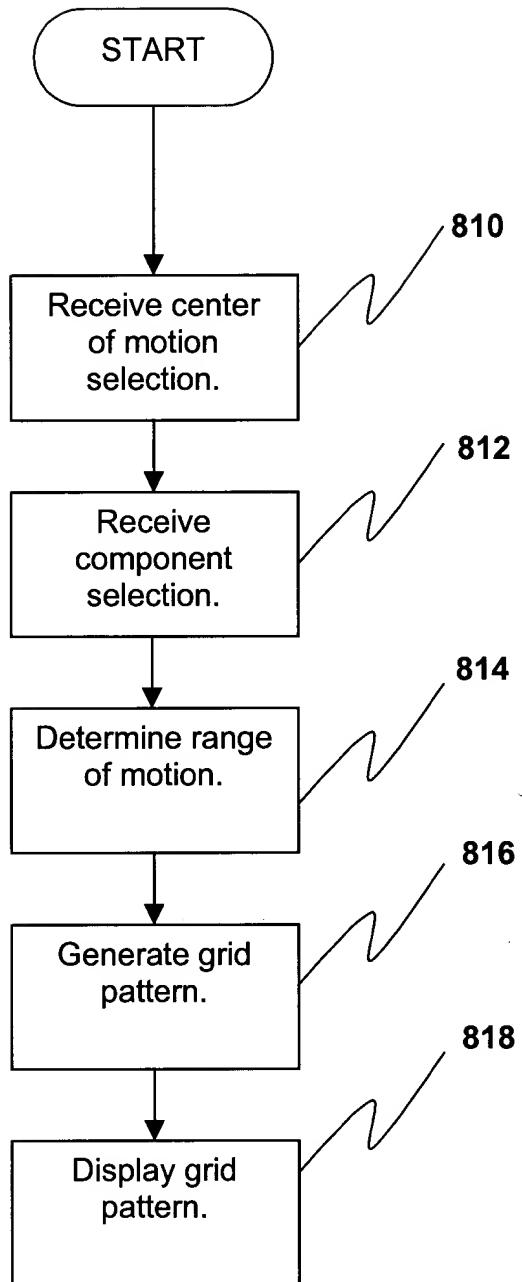


FIGURE 8

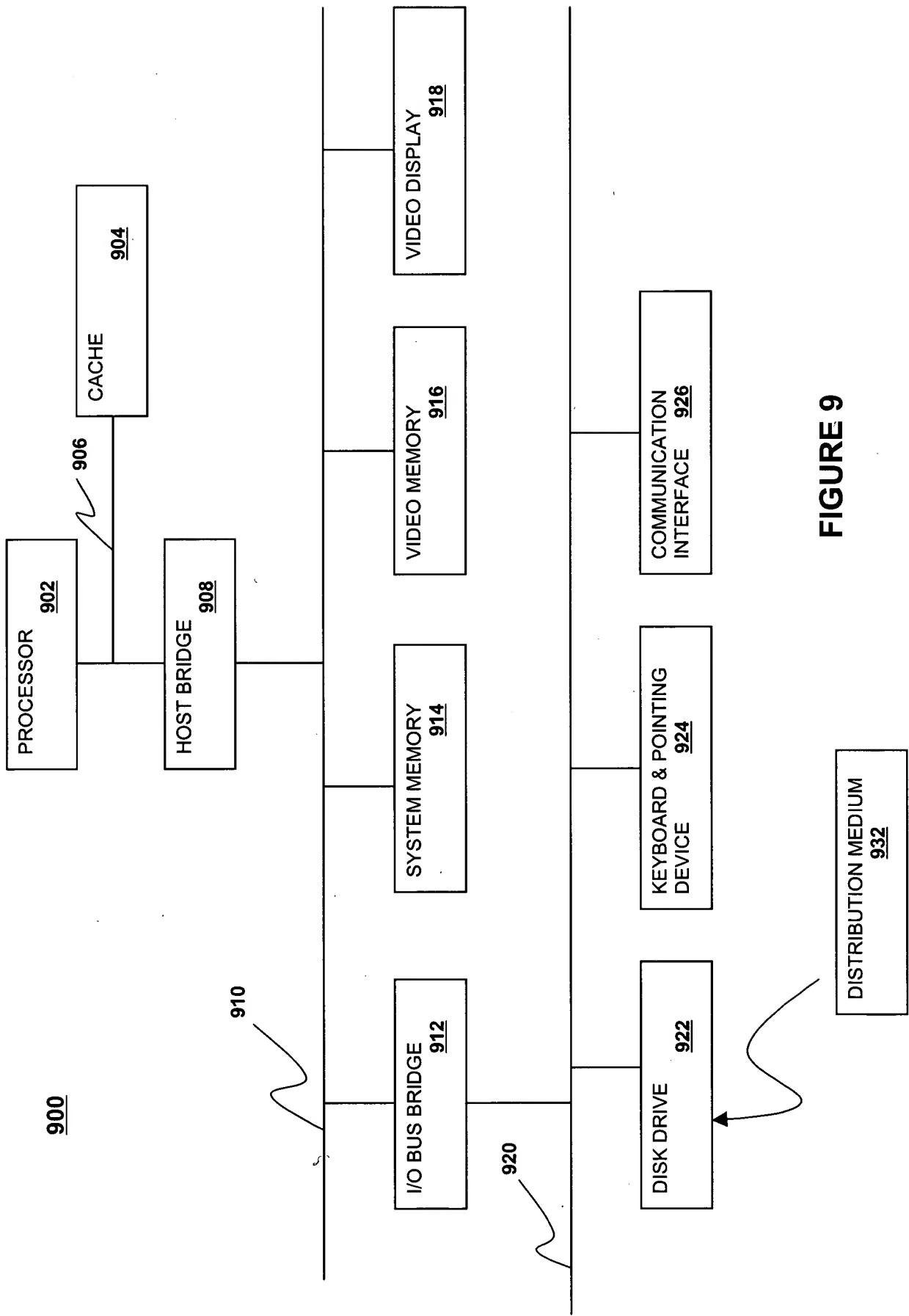


FIGURE 9